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1816CA

Ship Charles Morris

Aug 19th 1816

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Journal

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Received August 26, 1903.

Ship Charles Morris

1816

Edw. E. Chaver. Salem Jan'y 20th 1816

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Log 1082

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 19th January 1816
2	6		E. by S	S. West	A gentle breeze and pleasant weather at
4	4		E. by S	"	1 P.M. Shakers Island bore N. N. W. 6 leagues
6	4	1	E. by S	"	from which I take my departure
8	5		"	"	Middle and latter part as the first, at
10	5		"	"	1/2 past 9 A.M. spoke the Ship Bell Savary, 44
12	5		"	"	days from Greenside for Boston
2	4	1	E. by S	S. West	Ends very pleasant for the season
4	4		E. by S	S. West	
6	4		E. by S	S. West	
8	4		E. by S	S. West	
10	6		E. by S	S. West	
12	8		E. by S	S. West	

H	K	HK	Course	Winds	Remarks on the 20th January 1816
2	7	1	E. by S	S. West	Gentle breeze and passing clouds all sail
4	7	1	E. by S	S. West	set that would draw
6	8	1	E. by S	S. West	Middle and latter parts as the first
8	8	1	E. by S	S. West	at 7 A.M. saw a ship to the Eastward
10	8	1	E. by S	S. West	to the Eastward
12	7		E. by S	S. West	Ends very pleasant; steering sails set
2	7	1	E. by S	S. West	
4	7	1	E. by S	S. West	
6	7	1	E. by S	S. West	
8	7	1	E. by S	S. West	
10	7	1	E. by S	S. West	
12	8		E. by S	S. West	

H	K	HK	Course	Winds	Remarks on the 21st January 1816
2	7	1	E. by S	S. West	Commences with a brisk breeze and passing
4	7	1	E. by S	S. West	clouds
6	7	1	E. by S	S. West	Middle part cloudy with a swell from
8	7	1	E. by S	S. West	the East
10	6	1	E. by S	S. West	Ends pleasant all sail set
12	6	1	E. by S	S. West	
2	6	1	E. by S	S. West	
4	5	1	E. by S	S. West	
6	5	1	E. by S	S. West	
8	5	1	E. by S	S. West	
10	5	1	E. by S	S. West	
12	5	1	E. by S	S. West	

H	K	HK	Course	Winds	Remarks on the 22nd January 1816
2	4		E. by S	S. West	Moderate breeze and pleasant, at 8 P.M.
4	5		E. by S	S. West	wind backing; in steering sails
6	3	1	E. by S	S. West	Middle part moderate inclining to a calm
8	4		E. by S	S. West	
10	2		E. by S	S. West	
12	1		E. by S	S. West	
2	1		E. by S	S. West	
4	1		E. by S	S. West	
6	2		E. by S	S. West	
8	5	1	E. by S	S. West	
10	2		E. by S	S. West	
12	8		E. by S	S. West	

Day	Month	Course	Distance	Diff. Lat.	Dep.	Lat. Obs.	Lat. Calc.	Diff. Long.	Long. in	Long. per Time
Jan	19	83 E	126	15	125	42.35 N	42.34 N	2.51	67.43 W	3.33
"	20	82 E	166	22	164	42.12 N	42.12 N	3.33	64.12 W	1 point
"	21	84 E	148	34	144	41.38 N	41.37 N	3.14	60.58 W	1 point
"	22	82 E	90	12	89	41.28 N	41.26 N	1.58	59.00 W	"

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 23rd January 1816
2	8		S. by E	N. E. by S	Strong breeze & hazy at 12 p.m.
4	9		S. by E	N. E. by S	took in Top Gal Vails, a rough swell
6	8		S. by E	N. E. by S	from the N. East at 1/2 past 5 p.m.
8	7	1	S. by E	N. E. by S	double reef the Top sails
10	7	1	S. by E	N. E. by S	Middle & latter part as the former
12	7	1	S. by E	N. E. by S	at 5 p.m. reef the Top sails
2	7	1	S. by E	N. E. by S	I took in the mizen
4	6	1	S. by E	N. E. by S	Ends squally
6	6	1	S. by E	N. E. by S	
8	6	1	S. by E	N. E. by S	
10	7	1	S. by E	N. E. by S	
12	7	1	S. by E	N. E. by S	

H	K	HK	Course	Winds	Remarks on the 24th January 1816
2	6		S. by E	N. N. E.	Commences with strong gales & squally
4	5		S. by E	N. N. E.	with rain, at 4 p.m. took in Top & main
6	5		S. by E	N. N. E.	Top sail & Top Mast stay sail, &
8	5		S. by E	N. N. E.	haul the ship too, under her fore course
10	5		S. by E	N. N. E.	& mizen stay sail
12	5		S. by E	N. N. E.	Middle & latter part more moderate
2	4	1	S. by E	N. N. E.	set the Top & mizen Top sail
4	3	1	S. by E	N. N. E.	
6	3	1	S. by E	N. N. E.	
8	3	1	S. by E	N. N. E.	
10	3	1	S. by E	N. N. E.	
12	3	1	S. by E	N. N. E.	

H	K	HK	Course	Winds	Remarks on the 25th January 1816
2	4		S. by E	N. E.	Fresh breeze & cloudy with rain & a tem
4	4	1	S. by E	N. E.	bling sea from N. East, at meridian
6	5	1	S. by E	N. E.	set the main course & sail
8	5	1	S. by E	N. E.	Middle & latter part gentle gales &
10	5	1	S. by E	N. E.	passing clouds, all sail set
12	5	1	S. by E	N. E.	Ends pleasant
2	4	1	S. by E	N. E.	
4	3	1	S. by E	N. E.	
6	3	1	S. by E	N. E.	
8	4	1	S. by E	N. E.	
10	5	1	S. by E	N. E.	
12	6	1	S. by E	N. E.	

H	K	HK	Course	Winds	Remarks on the 26th January 1816
2	6		S. by E	N. N. W.	Gentle gales & pleasant all sail set
4	6	1	S. by E	N. N. W.	at 8 P.M. set Ship
6	6	1	S. by E	N. N. W.	Middle & latter part moderate gales
8	6	1	S. by E	N. N. W.	& fine rain at 1/2 past 11 p.m. heavy
10	6	1	S. by E	N. N. W.	squalls from N. W. took in all light
12	6	1	S. by E	N. N. W.	sails & clop reef the Top sails
2	6	1	S. by E	N. N. W.	at 5 A.M. let out the reefs & main
4	6	1	S. by E	N. N. W.	sail
6	6	1	S. by E	N. N. W.	Ends moderate & pleasant
8	6	1	S. by E	N. N. W.	
10	6	1	S. by E	N. N. W.	
12	6	1	S. by E	N. N. W.	

Day	Month	Course	Distance	Diff. Lat.	Dep.	Lat. Obs.	Lat. Calc.	Diff. Long.	Long. in	Long. per Time
Jan	23	85 E	176	98	146	39.48 N	39.48 N	3.11	55.49 W	1/2 pt West
"	24	86 E	70	49	50	38.59 N	38.59 N	1.04	54.45 W	1/2 pt "
"	25	83 E	116	64	43	37.50 N	37.49 N	1.58	52.47 W	1/2 pt "
"	26	87 E	158	87	158	37.36 N	37.37 N	3.10	49.37 W	1/2 pt "

Ship Charles Morris from Salem to Sumatra					
H	K	HK	Course	Winds	Remarks on the 27 January - 1816
2	6		S by S	W.N.W.	Commences with quick breezes & light
4	7				squalls of rain, at 10 p.m. jib ^o ship
6	7	1	"	"	at 1/2 past 10 heavy squalls & lightning
8	8		"	"	clap'd up the Top sails & hauled up
10	8		"	"	main course -
12	9		D. D.	D.	Middle & Latter part strong gales
2	9		"	Variable	& thick weather let the rags out of the
4	9	1	S East	N.W.	main Top Sail - Ends rainy -
6	9		"	"	
8	9		"	"	
10	9		"	"	
12	8		S by E.	"	
Remarks on the 28 January - 1816					
2	8		S by E	W.N.W.	Fresh gales & squally & a rough sea,
4	7		S by S		at 2 p.m. jib ^o ship -
6	7	1	"	"	
8	7	1	"	"	
10	7	1	"	"	
12	8		"	"	
2	7		D. D.	D.	Middle & Latter part more moderate -
4	7		"	"	passing clouds, made all sail
6	6	1	"	Variable	
8	6	1	"	West	
10	7	1	"	"	
12	7		S East	S.West	
Remarks on the 29 January - 1816					
2	8		S East	W.S.W.	Commences with fresh breezes & squally
4	8		"	"	at 1 p.m. took in Fore Top mast stand
6	7		"	"	ing sail, main Top gal. sail & mizen
8	8		S by S	W.S.W.	Middle & Latter part pleasant set
10	5	1	S by S	Variable	all sail -
12	3	1	S by S	S.W.	Ends pleasant
2	5	1	"	"	
4	6		"	"	
6	6		"	"	
8	7		"	"	
10	7	1	"	"	
12	7		S.S.E.	N.W by N	
Remarks on the 30th January 1816					
2	7		S.S.E.	West	Moderate gales & passing clouds, all
4	5		S by S	"	sail set to the best advantage -
6	6	1	"	"	at 4 p.m. took in Fore Top mast stand
8	7		"	"	ing sail -
10	8		"	"	Middle & Latter part as the first
12	8		"	"	at 3 p.m. squally took in jib & mizen
2	8		S East	"	Ends squally
4	8		S by S	W by N	
6	7		"	"	
8	7		"	"	
10	7	1	"	"	
12	7		"	"	

Day	Month	Course	Dist	Lat	Long	Lat	Long	Lat	Long	Lat	Long
Jan	27	S 86 E	173	13	172	37.24	170	3.35	166.02	171	West
"	28	S 59 E	155	80	133	36.04	"	2.44	163.18	"	"
"	29	S 63 E	146	67	130	34.57	34.50	2.39	160.35	174	"
"	30	S 63 E	173	59	154	33.31	33.31	3.66	157.29	175	"

Ship Charles Morris from Salem to Sumatra					
H	K	HK	Course	Winds	Remarks on the 31 st January 1816 ~
2	7		S by S	S.W.	Strong breezes & pleasant weather at 1 p.m.
4	7		S by S 1/2 S.	"	set the Lib & main course, at 4 p.m.
6	7		"	"	more moderate, let a reef out of each Top
8	7		"	"	sail, & set the main Top gal. sail & mizen
10	7		"	"	"
12	7		"	"	"
2	7		D. D.	D.	"
4	6		S by S	"	"
6	6		"	"	"
8	6		"	"	"
10	7		"	"	"
12	7		"	"	"
Remarks on the 1 st February - 1816					
2	8		S by S	S.West	Commences with strong breezes & squally
4	8		S by S 1/2 S	"	at 3 A.M. took in main Top gal sail
6	7		S by W	S.W by W	"
8	7		"	"	"
10	8		"	"	"
12	8		"	"	"
2	8		"	"	"
4	8		S by S	"	"
6	8		S by S 1/2 S	"	"
8	8		"	"	"
10	7		"	"	"
12	7		S.S.E.	W.S.W.	"
Remarks on the 2 ^d February. 1816 ~					
2	8		S.S.E.	S.W by W	Quick breezes & squally at times, at 5 p.m.
4	7		"	"	more pleasant, set all sail by the wind
6	7		"	"	"
8	7		"	"	"
10	7		"	"	"
12	7		"	"	"
2	6		D. D.	D. D.	"
4	2		S 1/2 E	Variable	"
6	2		"	"	"
8	2		S by S 1/2 E	"	"
10	3		"	"	"
12	4		"	"	"
Remarks on the 3 ^d February - 1816 ~					
2	5		South	N.W. E.	Moderate breezes & pleasant weather
4	5		S by E.	N.E.	at 1 p.m. the wind inclining to the
6	6		"	"	"
8	6		"	"	"
10	7		"	"	"
12	7		"	"	"
2	6		S 1/2 E	N.N.E.	"
4	7		"	"	"
6	6		"	"	"
8	5		"	"	"
10	4		"	"	"
12	4		"	"	"

Day	Month	Course	Dist	Lat	Long	Lat	Long	Lat	Long	Lat	Long
Jan	31	S 50 E	180	116	138	31.35	31.35	2.13	134.46	172	West
Feb	1	S 57 E	188	103	157	29.53	29.52	3.01	131.45	"	"
"	2	S 44 E	129	92	90	28.20	28.20	1.42	130.03	"	"
"	3	S 33 E	137	126	53	26.14	26.11	0.59	129.04	"	"

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 1 st February, 1816
2	2		S 1/2 E	N.E.	Light air & pleasant, inclining to a
4	1		"	"	Calm -
8			Calm	Calm	
10			"	"	Middle & latter part as the first
12			"	"	all sail trimmed by the wind
2	1		"	"	
4	1		S.E.	S.W. by W.	
8	1		"	"	Ends with light breezes & pleas-
10	2		Sly E	W.S.W.	ant -
12	3		"	"	

H	K	HK	Course	Winds	Remarks on the 5 th February 1816
2	4		Sly E	S.W. by W.	Commences very pleasant with light
4	4		S.S.E.	Variable	breezes & a smooth sea -
6	4		"	"	Long p ^a Lunar Obs. at 2 ^h 36 p.m.
8	4		Sly E 1/2 S	S.W. by W.	Sun & moon Dist: 36 ^h 02 West - Variation
10	4		South	N. by S	p ^a evening Amplitude 17 West - Low
12	5		"	"	by Obs. at 8 P.M. with the moon & star
2	4		"	"	Altitude 29 ^h 45 West - Ends pleasant
4	4		"	"	
6	4		"	"	
8	4		"	"	
10	5		"	"	
12	5		"	"	

H	K	HK	Course	Winds	Remarks on the 6 February - 1816
2	4		S.S.E.	S.W. by W.	Moderate breezes & pleasant weather -
4	4		S 1/2 E	Variable	all sail set -
6	4		"	"	
8	3		South	"	Long p ^a Lunar Obs. at 4 p.m. Dist
10	3		"	"	30 ^h 30 West -
12	2		S 1/2 E	North	Middle & latter part passing clouds
2	2		"	"	& showers of rain at 11 p.m. S.W. Ship
4	1		"	"	
6	2		South	Variable	
8	3		S 1/2 E	"	
10	3		South	N.W.	
12	5		S 1/2 E	"	

H	K	HK	Course	Winds	Remarks on the 7 February 1816
2	4		S 1/2 E	N.W.	Begins pleasant a large swell from
4	4		Sly E	"	the N.W. -
6	1		"	"	Long p ^a Lunar Obs. at 3 p.m. Dist
8	5		S 1/2 E	"	27.58 lb.
10	5		Sly E	"	Middle & latter part gentle breeze
12	5		"	"	cloudy, at midnight took in stear-
2	7		"	"	ing sails - Ends pleasant -
4	5		"	"	
6	6		"	"	
8	7		S 1/2 E	N.E.	
10	7		"	"	
12	7		"	"	

Day	month	Course	Dist	Sig	Lat	Long	Lat	Long	Lat	Long	Lat	Long
Feb	4	S 50 E	21	16	15	25.56	25.52	0.14	28.50	1 1/2	West	
"	5	S 27 E	99	88	45	24.24	24.31	0.50	28.00	1 1/2	"	
"	6	S 86 E	86	79	33	23.13	23.08	0.36	27.24	"	"	
"	7	S 25 E	128	74	63	20.54	20.51	1.08	26.16	"	27.58	0.10

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 8 February, 1816
2	7		S 1/2 E	Ely N	Quick breezes & a long swell from the
4	7		"	"	N. East - at 5 p.m. took in T. Top Gal
6	8		"	"	stunning sails & set the main Top Mast
8	7		"	"	stay sail -
10	7		"	"	Middle & latter part as the form
12	7		"	"	er - at 3 a.m. set the light sails - at
2	7		"	"	7 a.m. saw a Ship to the Southward
4	7		"	"	standing to the Southward -
6	7		"	"	
8	7		"	"	
10	8		"	"	
12	8		"	"	

H	K	HK	Course	Winds	Remarks on the 9 February, 1816
2	7		South	Ely N	Commences with pleasant gales & hazy, all
4	7		"	"	sail set - at 4 p.m. saw the Island of St.
6	7		"	"	Anthony, bearing S 1/2 East, Dist. 24 miles
8	7		"	"	The Ship still in sight - at 5 p.m. the S.E.
10	7		"	"	point bore South to the western point S.W.
12	7		"	"	Distance from the S.E. point at 5 o'clock
2	8		"	"	was 21 miles from which I take a new Dep
4	5		"	"	artan - Middle & latter part hazy weather.
6	4		"	"	saw parts of a vessel that had been Ship wrecked
8	2		"	"	
10	3		"	"	
12	4		"	"	

H	K	HK	Course	Winds	Remarks on the 10 February, 1816
2	6		Sly W	Ely N	This 24 hours commences with gentle gales
4	6		"	"	& pleasant weather - all sail set -
6	6		"	"	
8	8		"	"	Middle part pleasant breezes & pass-
10	7		"	"	ing clouds -
12	7		"	"	Ends pleasant, wind variable -
2	7		"	"	
4	8		"	"	
6	7		"	"	
8	7		"	"	
10	7		"	"	
12	7		"	"	

H	K	HK	Course	Winds	Remarks on the 11 February 1816
2	6		Sly E	East	Gentle breezes & pleasant - all sail set -
4	4		South	Variable	at 6 p.m. took in lower stearing sail
6	7		Sly E	Ely N	
8	9		"	"	Middle part as the former, at 7 p.m.
10	9		"	"	set the lower stearing sail -
12	8		"	"	
2	7		"	"	
4	7		"	"	
6	7		"	"	
8	7		"	"	
10	8		"	"	
12	8		"	"	

Feb	0	Course	Dist	D. Lat	Dep	L. D. R.	L. O. b.	Dif. b.	Sum. m.	Wa	Sum. Sum
"	8	S 23 E	174	160	68	18.11	18.12	1.12	25.04	1 1/2	25.43 W
"	9	S 43 W	89	65	60	16.12	16.02	1.02	25.50	"	New Dep
"	10	S 11 E	169	165	32	13.17	13.21	0.33	25.17	"	West
"	11	S 22 E	169	157	63	10.41	10.48	1.07	24.13	1 1/4	"

24 Days out
Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 12 February. 1816
2	7	1	Sly E	ESE	Commences with pleasant gales & hazy weather.
4	7		"	"	at 2 p.m. saw a ship to the Eastward
6	7		"	"	standing to the N.W.
8	8		"	"	
10	7	1	"	"	
12	10	1	"	"	
2	6	1	Sly ESE	NWly E	Abide & latter part as the former
4	6	1	"	"	Ends pleasant
6	6	1	"	"	
8	6		"	"	
10	7		"	"	
12	8		"	"	

H	K	HK	Course	Winds	Remarks on the 13 February. 1816
2	7		Sly ESE	NWly E	Comes in with pleasant gales from the
4	8	1	Sly E	Variable	N Eastward & clear weather
6	7		"	"	
8	7	1	Sly ESE	"	
10	7	1	"	NWly E	Abide & latter part moderate breezes
12	7		"	"	sparring clouds, all sail set, under
2	5	1	"	"	the old course & bent the other
4	5		"	"	Ends very pleasant
6	6		"	"	
8	5	1	"	"	
10	4	1	"	"	
12	11		"	"	

H	K	HK	Course	Winds	Remarks on the 14 February. 1816
2	5		Sly ESE	NWly E	Pleasant gales & sparring clouds. This
4	5		"	"	day fitted a pair of new fore top masts
6	5		"	"	back stays. at 10 a.m. took in lower
8	11	1	"	Variable	er & the top gal. Steaming sail & braced
10	14		"	"	up sharp at 2 a.m. set them again
12	14		"	"	Abide & latter part moderate & cloudy
2	4		"	"	
4	14		"	"	
6	14		"	"	
8	5		"	N.East	
10	3	1	"	"	
12	3		"	"	

H	K	HK	Course	Winds	Remarks on the 15 February. 1816
2	3		Sly ESE	NWly E	Light breezes from the N.E. & squally
4	1		Calm	Calm	at 2 p.m. calm, took in all light sails
6	2	1	Sly E	ESE	& the ship. at 7 a.m. a light breeze
8	2	1	Calm	Calm	set all sail
10	2	1	South	East	Abide & latter part light breezes
12	2	1	"	N.E.	& squalls of rain
2	3		"	"	
4	2	1	Sly E	"	
6	1		Sly E	"	
8	2		"	"	
10	2	1	"	"	
12	2	1	South	Variable	

Day	Month	Course	Dist	Lat	Long	Wind	Sea	Bar	Therm	Humid	Remarks
Feb 12	1816	S 28 E	141	151	80	S 17 E	16	30.52	14.4	West	
"	"	S 30 E	150	155	76	S 01 E	27	31.35	"	"	
"	"	S 31 E	169	93	56	S 21 E	none	30.39	1st	"	
"	"	S 15 E	51	49	13	S 35 E	"	30.36	"	"	

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 16 February. 1816
2	3		South	Sly E	Light breezes & variable attention with
4	4	1	Sly N	flattering	squalls of rain, at 3 p.m. took in steer
6	6		Sly E	Sly E	sails & main Royal, at 7 p.m. haul
8	3		South	flattering	ed up the main sail & mizen
10	1		"	"	
12	X	1	"	"	
2	2	1	Calm	Calm	Abide & latter part calm &
4	2		Sly E	Variable	flattering weather, at 8 a.m. saw a
6	2		"	"	Brig to the Southeast bound to the N.W.
8	2		"	"	
10	1		SSE	NWly E	
12			Calm	Calm	

H	K	HK	Course	Winds	Remarks on the 17 February. 1816
2	1		Sly E	NNW	Thick rainy weather & moderate breeze
4	2		"	"	at 8 p.m. took in lower & top
6	2		SSE	Variable	gal. steering sails
8	2		"	"	
10	5		Sly E	NW	Abide & latter part as the first
12	4	1	"	"	at 4 a.m. more pleasant, set steering
2	2		"	"	sails - Ends moderate all sail set
4	1		"	flattering	
6	2		"	NNW	
8	2	1	SSE	NNE	
10	2	1	Sly E	Variable	
12	2	1	Sly ESE	SWly E	

H	K	HK	Course	Winds	Remarks on the 18 February. 1816
2	2		SSE	S West	Commences with light showers of rain
4	2		"	"	at 1/2 past 10 p.m. tacked ship to the
6	2		Sly ESE	"	S West
8	1		SSE	Variable	Abide part being & squally, at
10	2		SW	Sly E	1/2 past 2 the ship
12	0	0	Calm	Calm	Latter part calm & fine rain
2	1	1	SSE	Sly E	
4	1		SSE	Variable	
6	3	1	Sly E	"	
8			flattering	"	
10			"	"	
12	2		Sly E	Sly E	

H	K	HK	Course	Winds	Remarks on the 19 February. 1816
2	2	1	Sly E	"	Moderate breezes & thick rainy weather
4	3		"	"	from 6 to 8 a.m. heavy squalls of
6	5		"	"	rain with heavy thunder & light
8	4		"	West	ning. took in top gal sails & clew
10	4		"	flattering	down the top sails
12	3		"	Variable	Abide & latter part more pleasant
2	1	1	Sly E	"	
4	1		Sly E	"	
6	2		Sly E	NW	
8	1		"	"	
10	1	1	"	"	
12			flattering	flattering	

Day	Month	Course	Dist	Lat	Long	Wind	Sea	Bar	Therm	Humid	Remarks
Feb 16	1816	S 09 E	37	157	66	S 58 E	3.04	30.6	20.20	1st	West
"	"	S 25 E	613	157	26	S 07 E	none	30.26	14.54	"	"
"	"	S 24 E	44	38	17	S 33 E	"	30.17	14.35	"	"
"	"	S 22 E	58	58	02	S 35 E	"	30.03	14.34	"	"

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 20 February 1816
2	2		W S W	Sky E	Light breezes & thick weather
4	2		"	"	"
6	2		"	"	"
8	3		SW by W	SS E	All sail trimmed by the wind -
10	4		"	"	"
12	4	1	"	"	Middle part moderate breezes & spapp
2	4		SW by W 1/4 W	SS E	ing clouds -
4	3		W S W	Sky E	"
6	3		SW by W	"	"
8	3	1	"	"	Latter part light breezes & pleasant
10	3		"	"	weather. Unbent the main Top sail &
12	3		"	"	bent the other -

H	K	HK	Course	Winds	Remarks on the 21 February 1816
2	3		SW by W 1/4 W	Sky E	"
4	3	1	"	"	"
6	3		"	"	"
8	4		"	"	Gentle breezes & spapping clouds. got up
10	4		SW by W	SS E	the main Top Gal gunc & bent the
12	4	1	SW by W 1/4 W	"	sail -
2	3		SW by W 1/4 W	"	Middle part as the former, all
4	3	1	W S W	"	sail set -
6	3		"	"	"
8	2		E S E	Sk Ship	"
10	4		E by S	"	Latter part moderate breezes & squally
12	4		E by S 1/4 S	"	appearances, at 7 a.m. back Ship to

H	K	HK	Course	Winds	Remarks on the 22 February 1816
2	2		E S E	Sky W	"
4	2		"	"	"
6	1	1	S by E	S S W	Light air from the Southward & West
8	1		"	"	ward & cloudy, no prospect of a Trade
10			Calm	"	wind. got down the Tregon, reduced
12	1		S by S	S N W	the Staff & got up a Top sail mast
2	3		"	"	"
4	2	1	SS E	SW by W	This day caught a Shark - The first
6	2		Sky E	"	fish caught since we left Salem -
8	3		Spatho	Variable	but rainy,
10			Calm	"	"
12	1		S by E	"	"

H	K	HK	Course	Winds	Remarks on the 22 February 1816
2	3	1	S by E	Sky W	"
4	2	1	W by S	Spatho	"
6	1	1	"	"	Commences with light air from the South
8	2	1	"	"	ward & Eastward and more pleasant
10	2		"	"	"
12	1		"	"	Got in the Anchors & stowed them on
2			Calm	"	the Gunner Forecastle -
4			"	"	"
6			"	"	"
8			"	"	"
10			Calm	"	"
12			"	"	"

Day	Month	Course	Dist	Lat	Long	Wind	Bar	Therm	Humid	Remarks
Feb	20	S 72 W	68	20.5	101.0	0.155	no	1.00	26.34	West
"	21	S 77 W	30	08.5	100.0	0.155	"	0.31	21.05	"
"	22	S 79 E	32	06.5	31.6	0.020	"	0.31	26.34	"
"	23	S 47 E	69	03.5	09.6	0.011	0.035	0.09	20.25	W 4

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 24 February 1816
2	2		SW by W	S East	Commences with light air from the South
4	2	1	"	"	ward & Eastward & more pleasant
6	3	1	W S W	"	"
8	2	1	SW by W	"	all sail set. got in the anchors & stow
10	1		Calm	"	ed them on the Forecastle -
12	0		"	"	"
2			"	"	"
4			"	"	"
6			"	"	"
8			"	"	"
10			"	"	"
12			"	"	"

H	K	HK	Course	Winds	Remarks on the 25 February 1816
2	2		S E	S S W	"
4	2	1	"	Variable	"
6	3	1	"	"	"
8	1		SW by W	SS E	Light breezes, variable, all sail set
10	1		W S W	"	At 4 p.m. Henry Perkins (our Cabin
12	0		Calm	"	boy) jumped over board out of the waiste,
2	1		D	D	the cover of the skylight was immediate
4	2		Sky W	SW W	ly hoove over for his assistance, which he
6	2		"	"	did not notice, saying, repeatedly that he
8	2		"	"	did not want to come on board again, how
10	4	1	SW by S	SE	ever the Boat was lowered down & she was
12	2	1	"	"	brought on board & put in stow for safe keeping

H	K	HK	Course	Winds	Remarks on the 26 February 1816
2	4		SS W	E S E	"
4	4	1	"	"	"
6	5	1	"	"	"
8	5	1	"	"	"
10	5	1	"	"	"
12	5	1	"	"	"
2	4	1	D	D	"
4	4	1	"	"	"
6	3	1	"	"	"
8	5	1	"	"	"
10	6	1	"	"	"
12	6	1	"	"	"

H	K	HK	Course	Winds	Remarks on the 27 February 1816
2	6		SW by W	Sky E	"
4	6	1	SS W	"	"
6	7		"	"	"
8	7		"	"	"
10	7	1	"	"	"
12	7		"	"	"
2	7		D	D	"
4	7	1	"	"	"
6	7	1	"	"	"
8	7		"	"	"
10	7		"	"	"
12	7		"	"	"

Day	Month	Course	Dist	Lat	Long	Wind	Bar	Therm	Humid	Remarks
"	24	S 66 W	19	09.0	16.0	0.045	0.045	0.10	20.41	West
"	25	S 18 W	49	4.6	15.4	0.55	0.59	0.15	20.56	"
"	26	S 14 W	126	12.2	31	3.01	3.03	0.31	21.27	"
"	27	S 14 W	171	14.6	42	5.49	5.16	0.42	22.09	"

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 28 February 1816
2	6	1	SSE	ESE	Gentle gales & pleasant weather, all sail set
4	6		"	"	"
6	5	1	"	"	"
8	6		SSE	Variable	Middle part moderate, winds
10	5	1	"	"	inclining southerly, at 9 a.m. saw a
12	4	1	SSE	"	Brig to the Westward standing to the
2	5		D. D.	"	Westward & Southward on S.W. & E.
4	5		SSE	"	Latter part moderate breezes & passing
6	4		SSE	"	clouds - Ends squally with rain
8	5	1	SSE	"	"
10	5		SSE	"	"
12	5		SSE	"	"
2	4		SSE	S.East	Remarks on the 29 February 1816
4	4	1	"	"	Gentle gales & light shower of rain - The
6	5	1	"	"	Brig still in sight under our lee -
8	5		"	"	At 8 P.M. spoke her, she proved to
10	6		"	"	be the Ontario of Boston - E. Snowman
12	5		"	"	bound to Canton 50 days out -
2	5		SSE	"	Middle & latter part quick breeze
4	5		"	"	& squally, the Brig in sight -
6	6		"	"	"
8	5		"	"	"
10	6		"	"	"
12	6		"	"	"
2	5		SSE	Ely S	Remarks on the 1 March 1816
4	4		"	"	Commences with squalls of rain - The
6	5		"	"	Brig in sight astern -
8	6		"	"	Middle part fresh breezes & clear
10	7	1	"	"	weather -
12	6		"	"	Latter part as the middle, all
2	6		"	"	sail set - Ends pleasant
4	6		"	"	"
6	6		"	"	"
8	6		"	"	"
10	7		"	"	"
12	7		"	"	"
2	7		SSE	E 1/2 S	Remarks on the 2 March 1816
4	7		"	"	Light gales & pleasant. The Brig near
6	7		"	"	by out of sight astern -
8	6	1	"	"	Middle part as above & passing
10	7		"	"	clouds -
12	7		"	"	Ends with fine breezes clear & pleas
2	6	1	"	"	ant & a smooth sea -
4	6		"	"	"
6	6		"	"	"
8	6		"	"	"
10	6		"	"	"
12	5		"	"	"

Day	month	Course	Dist	V. lat	Dep	L. Lat	L. Obs	S. Lat	Lat in	Var	Dist
Feb	28	SSE	429	11.8	51	7.41	7.40	0.51	23.00	3/4	"
"	29	SSE	134	13.3	34	10.10	10.12	0.34	23.43	"	"
Mar	1	SSE	156	15.6	09	12.48	12.51	0.09	23.52	1/2	"
"	2	SSE	170	15.8	12	15.20	15.32	0.12	24.04	"	"

Ship Charles Morris from Salem to Sumatra

H	K	HK	Course	Winds	Remarks on the 03 February 1816
2	6		SSE	E 1/2 S	Remarks on the 4 March 1816
4	6		"	"	Commences with moderate breezes and
6	5	1	"	"	passing clouds -
8	6		"	"	Long for 01 30 at 1.30 P.M. was
10	8		"	"	27.06 West -
12	8		"	"	Latter part as the first, bent a new
2	7		"	"	able -
4	8	1	"	"	"
6	7		"	"	"
8	6		"	"	"
10	6	1	"	"	"
12	7		"	"	"
2	6		"	"	"
4	4	1	"	"	"
6	4	1	"	"	"
8	4		"	"	"
10	4		"	"	"
12	3		"	"	"
2	2	1	"	"	"
4	1		"	"	"
6			"	"	"
8			"	"	"
10			"	"	"
12			"	"	"
2	2	1	"	"	"
4	1		"	"	"
6			"	"	"
8			"	"	"
10			"	"	"
12			"	"	"
2	3		"	"	"
4	3	1	"	"	"
6	4		"	"	"
8	4		"	"	"
10	4		"	"	"
12	4		"	"	"
2	4		"	"	"
4	4	1	"	"	"
6	6		"	"	"
8	5		"	"	"
10	4	1	"	"	"
12	4		"	"	"

Day	month	Course	Dist	V. lat	Dep	L. Lat	L. Obs	S. Lat	Lat in	Var	Dist
Mar	3	SSE	174	17.2	33	18.24	18.28	0.35	24.39	3/4	"
"	4	SSE	129	12.5	31	20.33	20.35	0.33	25.12	"	27.09
"	5	SSE	16	14	07	20.49	20.56	0.08	25.04	"	"
"	6	SSE	103	7.4	70	22.10	No	1.06	23.58	"	27.42

48 out-

2
4
6
8
10
12

Alms

in m... ..

12	0	Calm
2	1	
4	2	
6	2	Castro C. D. W.
8	2	
10	2	W. G. W. W. W.
12	3	

4	2	1	600
6	2		600
8	4		600
10	4		600
12	4		600

12	4		P. by aff
2	3	1	P.
4	2	1	P. by aff / aff "
6	2		
8	2		
10	3		" " "
12	3		

Day of Month	Source	Dials
March 7 th	36.2	47
" 8 th	40.6	29
" 9 th	40.6	24
" 10 th	35.4	99

Ll

2	4	1			
4	4	1			
6	4	1			
8	4				
10	4				
12	4		"	"	"

12	5			
2	5		P. P. H. H.	
4	3	1	P. P. H. H.	
6	4	1	P. P. H. H.	
8	5	1		
10	6	1	P. P. H. H.	
12	6	1		

4	5					
6	4	1				
8	4	1				
10	4	1				
12	4	1				

2	4	1	South	"	"
2	3	1	South	Obys	"
4	3	1	South	Obys	"
6	4	1	South	"	"
8	4	1	South	"	"
10	4	1	South	"	"
12	4	1	South	"	"

Day	Month	Cowrie	Distal
March	11 th	2.43 th	134
"	12 th	2.34 th	142
"	13 th	2.29 th	129
"	14 th	2.25 th	115

Ship Charles Morris from ⁵⁶ ~~Tulip~~ ^{out} to Sumatra

71	K.	HK	Course	Wind	Remarks on the 15 th March 1815
2	4		South	E. by S.	Strong breezes and thick weather. Ship under
4	2		South	E. by S.	double raft Top sails and Courses At 1
6	1	1	E. by S.	E. by S.	P.M. discovered considerable of a heat
8	5		E. by S.	E. by S.	in the Bow, ports wore ship and lay the main
10	4	1	E. by S.	E. by S.	Top sails aback, stowed the greater part of
12	4	1	E. by S.	E. by S.	At 4 d. wore ship again and made sails
2	4		E. by S.	E. by S.	Ends pleasant a swell from S. East
4	5		E. by S.	E. by S.	
6	6		E. by S.	E. by S.	
8	6		E. by S.	E. by S.	
10	6	1	E. by S.	E. by S.	
12	6	1	E. by S.	E. by S.	

2	4	1	6 1/2	6 1/2	Remarks on the 16 th March 1816
4	4	1			Gentle breezes and Pleasant all sail set,
6	4	1			bent another 4, sail - - -
8	5	1	6 1/2	6 1/2	
10	6	1			
12	7	2			
2	6				Middle and latter parts continues very
4	6				Pleasant at 5 1/2 A.M. saw a ship to the East
6	6				
8	5	1	6 1/2	6 1/2	steering E.S.E. - - - the above
10	4	1	6 1/2	6 1/2	
12	4	1			At noon concluded we outsailed ship 1/4 part

2	5	1	24 th April	Remarks on the 1 st March 1816
4	5	1		Very pleasant at 3 P.M. passed said
6	5	1		Ship she hoisted Portuguese Colours.
8	6			
10	5	1		" " Went onto another 4 top Sail, Employed repair
12	6			ing sails
2	6			
4	6			
6	6	1		
8	6	1		
10	6	1		latter part continues very pleasant
12	5	1		

Time		Remarks	
2	5	1	Remarks on the 18 th March 1816
4	6	1	Begins with a gentle breeze with fine shower
6	6	1	of rain All sail set
8	6	1	
10	6	1	
12	7	1	
2	7	1	Middle part gentle breeze and passing
4	6	1	clouds
6	6	1	
8	6	1	
10	8	1	Latter part brisk breeze and cloudy
12	8	1	with fine rain

6 day month	Course	Dist	Lat	Dep	Lat	Dep	Lat	Dep	Long	in	Var	Long from Land
March 15	23 E	122	112	47	33.39	33.41	0.56	28.15	14 pt			
"	16 E	123	62	106	34.43	34.40	2.08	26.07	" "			
"	17 E	130	50	129	35.30	35.30	2.38	23.39	" "			
"	18 E	164	23	162	35.53	35.53	3.20	20.09	" "			

Ship Charles Morris from Salem to Sumatra -

[illegible]

2	6	<p><i>C. G. L. West</i> Remarks on the 20th March 1816 -</p> <p>Gentle breezes and pleasant weather all sail set, Carpenter balking the Deck</p> <p>" " " "</p> <p>Middle and latter parts moderate and cloudy</p> <p>" " " " Ends a brisk breeze -</p>
4	6	
6	6	
8	6	
10	6	
12	6	
2	5	
4	5	
6	6	
8	2	
10	8	
12	8	

Barometer		Remarks	
2	28.2	1	Remarks on the 21 st March 1816
4	28.2	1	Equally with steady breeze, at 6 ^{1/2} M
6	28.2	1	in light sails
8	28.2	1	South
10	28.2	1	South
12	28.2	1	South
2	28.2	1	South
4	28.2	1	South
6	28.2	1	South
8	28.2	1	South
10	28.2	1	South
12	28.2	1	South

2		Remarks on the 22 March 1816
4		Common Calm clear pleasant weather
6		Saw several pieces of Kelp
8		
10		
12		
2	1	P. 6 1/2 N. West
4	1	" " after part light airs from the N. West
6	2	" " " " set the steering sails
8	2	" " " " Ends blunder
10	3	
12	2	

Day	Month	Course	Dist	Diff Lat	Dep	Lat	Do	Lat Obs	Long	Long	Var	Long	Lat
1	March	19 th	N 88 E	175	06	175	35.59	35.55	3.40	10.29			
"	"	20 th	N 80 E	155	05	155	35.50	35.50	3.12	13.14	1/2		
"	"	21 st	N 78 E	158	32	155	35.18	35.18	3.09	10.08	1/2		
"	"	22 nd	N 78 E	28	07	27	35.11	35.11	0.33	9.35	1/2		

Ship Charles Morris From Nelson to Sumatra									
11	16	16	16	16	16	16	16	16	16
Remarks on the 21 st April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
Remarks on the 1 st April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
Remarks on the 2 nd April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
Remarks on the 3 rd April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1

Month	Lat	Dist	Diff	Lat	Dist	Diff	Lat	Dist	Diff
April	31	202	50	38	45	4.12	17.42	17.27	
"	1	186	17	38	29	3.50	21.40	21.25	
"	2	177	11	37	18	2.02	22.42	22.27	
"	3	129	38	37	40	2.38	28.12	27.05	

Ship Charles Morris From Nelson to Sumatra									
11	16	16	16	16	16	16	16	16	16
Remarks on the 4 th April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
Remarks on the 5 th April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
Remarks on the 6 th April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1
Remarks on the 7 th April 1816									
1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1

Month	Lat	Dist	Diff	Lat	Dist	Diff	Lat	Dist	Diff
April	4	172	51	37	24	1.06	27.18	27.13	
"	5	134	44	38	48	0.25	26.53	26.51	
"	6	135	119	40	38	1.45	28.38	28.36	

Ship Charles Morris from Salem to Sumatra
 11 16 116 Course Winds Remarks on the 8th April 1816
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Remarks on the 9th April 1816
 1 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Remarks on the 10th April 1816
 1 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Remarks on the 11th April 1816
 1 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Hour	Course	Dist.	Lat	Long	Lat	Long	Lat	Long
1	134	134	41.57	41.57	3.77	34.70	33.13	
2	134	134	42.39	42.39	2.40	34.18	38.06	
3	134	134	43.15	43.15	2.41	33.49	40.47	
4	134	134	43.13	43.13	2.42	32.31	43.39	

Ship Charles Morris from Salem to Sumatra
 11 16 116 Course Winds Remarks on the 12th April 1816
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Remarks on the 13th April 1816
 1 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Remarks on the 14th April 1816
 1 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Remarks on the 15th April 1816
 1 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East
 2 1 1 2 1/2 E. East
 4 1 1 2 1/2 E. East
 6 1 1 2 1/2 E. East
 8 1 1 2 1/2 E. East
 10 1 1 2 1/2 E. East
 12 1 1 2 1/2 E. East

Hour	Course	Dist.	Lat	Long	Lat	Long	Lat	Long
12	134	134	40.03	40.03	1.29	44.00	44.58	
13	134	134	40.07	40.07	2.18	45.18	47.16	
14	134	134	40.05	40.05	3.03	46.41	50.48	
15	134	134	40.15	40.15	3.70	48.38	49.35	

Abund.	Number	Diameter	Height	Lat. 16	Lat. 16	Lat. 16	Lat. 16	Lat. 16	Lat. 16
1	244	143	182	110	145	35.15	35.15	3.1	74.15
"	255	151	119	14	33.18	33.18	2.5	70.18	
"	266	190	14	02	31.44	30.44	1.33	31.51	
"	277	125	114	124	34	28.37	28.35	1.07	82.38

Month	Days	115	114	11	25.39	25.37	C.12	82.48
April	28	115	114	11	25.39	25.37	C.12	82.48
"	29	116	71	68	25.21	new	B.22	82.25
"	30	117	21	08	25.21	25.25	C.31	82.57
May	1	228	164	144	23.01	23.01	1.25	84.22

2^d May 1816
Moderate and pleasant all sail
set at 1 P.M. jib & ship shifted
sails -
Middle and latter parts very
pleasant employed painting the
ships sides

3^d May 1816
Light breeze and pleasant -
Middle part squally in light sail
Latter part light squalls at the light
bills again

4th May 1816
Gentle breeze with backing clouds
Middle part a fresh breeze
Latter part very pleasant

5th May 1816
These 26 hours very short & long in
pleasant - with -
Long per lunar at 3.30 was 87.16
Variation per 6th May 3.25

Day of Month	Hour	Dist	Diff. Lat	Diff. Long	Lat	Long	Diff. Lat	Diff. Long
May 2	4.37 E	141	112	20	21.07	21.12	4.33	85.55
" 3	4.41 E	177	174	33	17.12	17.12	0.35	86.30
" 4	4.44 North	189	189	00	15.07	15.09	0.00	85.30
" 5	4.58	174	145	19	17.13	12.10	1.19	85.47

6th May 1816
A brisk trade and heavy weather
at 8 P.M. squally in light sail
Long per lunar at 3.19 P.M.
was 87.19 East
Latter part as the first

7th May 1816
A gentle trade and pleasant all
sail set, employed painting &
bent a new M. & L. sail
Middle part as the first
Ends very pleasant

8th May 1816
A gentle trade and heavy all sail
set, employed painting and black
got the guns on deck
Long per lunar at 11.28 P.M.
was 89.82 East
Ends squally, set and took in the light

9th May 1816
Light breeze and variable attends
with squalls of rain
Middle & latter part as the first
Middle flew on board the ship

Day of Month	Hour	Dist	Diff. Lat	Diff. Long	Lat	Long	Diff. Lat	Diff. Long
May 6	4.42	108	124	33	9.25	9.22	0.34	87.23
" 7	4.47	147	141	13	7.01	7.01	0.44	88.07
" 8	4.56	131	130	14	4.51	4.46	0.14	88.71
" 9	4.20	7	64	34	3.42	3.48	0.24	87.72

12th May 1816

2 - East 1/2 N light breeze from the eastward. and
 1 - No 1/2 N squalls of rain, no land in sight -
 2 - Middle Part squall, with land seen
 3 - At noon, saw the Island of Sumatra,
 1 - bearing from N 45° to E 1/2 N dist
 4 - 16 by 12 or 4 leagues - to 16th

19th May 1816 -

Moderate and squall. At 5 PM we came
 to anchor in 13 fathoms. Water Analabo
 Point bearing E. by N 2 miles. Point
 also bearing N 45° 5 or 6 miles.
 Find the current setting to the N 1/2 E
 2 1/2 miles per hour -
 sent the boat on shore, but no important
 information returned.

20th May 1816

At 4 PM a large boat from 8 miles
 got under way for Libonagu. At 5 PM Analabo
 bore N 45° 5 miles dist.
 Middle and latter part light air inclining to
 S. wind, sounded several times, had from 30 to 40 fathoms
 at Noon Cape Felix bore from E. by N 3/4 N 4 leagues dist.
 Find the current sets to the N 1/2 E 1 or 1/2 knots all the way

21st May 1816 -

At 6 AM Cape Felix light breeze and pleasant. at 8
 bore N 45° 2 1/2 or 3 leagues dist. to East part of
 Sumatra. At 10 15 or 16 leagues dist.
 At 5 PM the land bore from N 45° to N 75° dist. and
 off shore 5 or 7 miles. At 8 Libonagu bore N 45° 3 leagues
 sent the small boat ashore with an officer at Noon.
 The boat returned brought a Male on board -
 Chullo Musik -
 No pepper

No pepper

[Signature]

22nd May 1816

Laying bealmed; weighed anchor 2
 or 3 times but could make any progress,
 came too again, I find by our Malay
 that there has been a great number of ships and
 the coast this year of all nations; the last ship -
 left Libonagu, was the John Adams of Boston Capt
 Downing. At 7 PM I went ashore & returned. 8 PM
 All encouragement for pepper.

23rd May 1816

At 6 PM, weighed anchor and
 went within the reef. No wind. Ship
 N 45° West and N 45° East - small anchor
 in shore, always here. This is a very
 small port for Sumatra (but you must sight you
 cables often on account of ships ballast being here over-
 here in great quantities. At 11 PM

from the 24th until the 28th very busy on board. Fixing
 our radar furniture, having been loose during the
 passage out, likewise the bowports which leaked
 back on the outward passage. There appears now
 to be a number of ships of different nations on the
 coast, taking pepper at 1/2 dollars per picul - as far

as I can learn from the Malays I have just
 seen one Torrig standing towards Telupow -
 I have given up the idea of getting pepper at this
 port, but to Morrow shall proceed to Solatoes.
 This place was never before visited by any Europe-
 an - the Malays say they have 5000 picul pepper
 there; always deduct 1/5 for Malay (say, 1000 picul)

Arrived at Sobaloo the 29th May,
and came to anchor in 22 fathoms water.
The Village bearing S.W. by W. 1/2 M. distant.
The place is about 5 Miles N.W. of Sooso, has a river
of considerable extent, in which you can get good water
by just going over the bar: on which there is 7 feet 10 inches.
I have some encouragement as respects a cargo of pepper.

30th May, This Morning an English Ship the Prime
(a schooner) in coming from Sooso
for this port, got on a reef of reef
off Sooso Lagoon, and received considerable damage,
and our long boat and eight men for his assistance.
The ship's officer appears that a real cargo of
the pepper at this port, is engaged to this ship at 1/2

from the 31st May, until the 3rd June, by every possible
means, could only collect 1200 lbs pepper, there
has just arrived at Sooso one ship and two briggs,
which the Malays tell me are Malicians, from the
Southwards, come to complete their cargoes of pepper,
I must confess I am heartily sick of Sumatra -
shall sail for Singalle the first wind.

4 weeks on the 3 June 1816
Preparing for sea, no land visible
until day light in the morning, then
made sail and ran out with a very
light breeze, there is generally a current setting from
the shore here, I suppose from the effect of the river;
An old Malay friend of mine came from Sooso in his
canoe to invite me into that port; but observed
that there was but a small quantity of pepper there
(that I new before) -

11 June 1816
Light air and variable, I found
the water shoal, let go the anchor in 3
fathoms water, sounded with the lead
All around, in some parts of it there was only 14 fms
3 fathoms, which I consider dangerous, the bearings
taken while at anchor on it: Cape Felix N. by N. 1/2 N. 1/2 E.
and Suiloa-Cyah (so called by the Malays, is a small
island near Sooso) N. 1/2 E. by E. 1/2 S. 1/2 E. distant
about 1/2 mile.

From the 4th until the 10th at Noon light land,
and sea breezes, and frequent calms, which makes
it very tedious getting along - no rain during the
time, observed little or no current, and always
in sight, which we cannot get clear of - so 6 miles

11th June 1816
Light breeze from the Southward
and pleasant, Cape Atcheer bore
N. 1/2 E. 1/2 by 1/2 S. distant at Noon -
from which I make a departure -
employed painting this sides -
strong Northwesterly current this 24 hours
ends cloudy -

12th June 1816
Gentle breeze with squally appearance,
at 7 o'clock squall, with hard rain -
took in the light sails and double
reefed the top sails -
Middle part out reefed & set
the light sails, the 24 hours again -
ends cloudy & hazy -

Day	Month	Current	Lat	Long	Time	Wind	Temp	Bar	Humid	Remarks
11	June	242	97	72	65	6.06	8.05	1.05	93.57	East
12	June	227	110	122	62	8.08	8.08	1.09	92.48	East

11 m. 13th June 1816. Berqallo

Gentle breeze and squally, with
light showers of rain

Middle part as the first

A strong northerly current 1 1/4 m.
and more moderate at all times

11 m. 14th June 1816

A gentle breeze and hazy weather

No. 4. to Mr. set the rigging & flying
jib. A strong northerly current as above

Middle part passing clouds
but pleasant

11 m. 15th June 1816

Gentle breeze and passing clouds
All sail set

Middle part squally, took
in the light sails

Pleasant set all light sails
Strong northerly current

11 m. 16th June 1816

Strong breeze and cloudy
took in light sails

Middle part as the first
tried for a sound, no bottom

fresh gales and cloudy

northerly current continues

11 m. 17th June 1816 - Berqallo

Moderate breeze and
weather

Middle part as the first
sounded but no bottom

After part as the former
11 m. strong northerly current

11 m. 18th June 1816

Gentle breeze and hazy at 2 p.m.
saw the high land. The land
bearing N. by E. 6 or 7 leagues distant
at 6 p.m. the land bore from N. by E. to
N. by W. 5 or 6 leagues distant

Light airs and calms at noon
the land bore from N. by E. to the
S. by E. 3 or 4 leagues

11 m. 19th June 1816

Moderate and hazy at 1 p.m.
saw a large amount of birds bearing
East 1/2 East for 6 miles West
at 1/2 past 7 sounded in 13 fathoms
from a water stage

at 8 p.m. had 13 fathoms
no land in sight
40 fathoms water

11 m. 20th June 1816

Light breeze and pleasant at
8 p.m. saw the land near Palau
Point bearing from West to N. by E.

at 10 sounded in
15 fathoms water, sounded every
half hour in 17 to 20 fathoms distance

until 2 a.m. saw a pilot schooner at anchor

Time of Moon's Rise	Set	Dist. from Ship	Dist. from Land	Dist. from Pilot	Dist. from Anchor
13 th 14 th 14 th	140	100	9.48	9.50	1.38
14 th 14 th 14 th	137	114	11.45	11.49	1.06
15 th 14 th 14 th	155	118	13.47	13.50	1.43
16 th 14 th 14 th	124	120	15.40	15.51	1.50

Time of Moon's Rise	Set	Dist. from Ship	Dist. from Land	Dist. from Pilot	Dist. from Anchor
17 th 14 th 14 th	140	100	9.48	9.50	1.38
18 th 14 th 14 th	137	114	11.45	11.49	1.06
19 th 14 th 14 th	155	118	13.47	13.50	1.43
20 th 14 th 14 th	124	120	15.40	15.51	1.50

Thos. W. Allen

H. L. H. Curran's Remarks on the 1st of Oct 1892

[illegible]

122 Crows very pleasant - but ^{not} doing much.

Remarks on the 3^d Oct 18 -
The weather light breeze and very fine.
The ship could not gain a mile

Middle part of Letter, Continued

set up the Royal Guards?

Get it sailing & flying jib!

To land

Remarks on the 4th Oct 1816
Light breezes and pleasant.
All sail set ---
Audd part light air and
Calm at 11½ Sailed ship to

22 ²⁰ Breeze fresh & pleasant all sail set

Station	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th	17 th	18 th	19 th	20 th	21 st	22 nd	23 rd	24 th	25 th	26 th	27 th	28 th	29 th	30 th	31 st	32 nd	33 rd	34 th	35 th	36 th	37 th	38 th	39 th	40 th	41 st	42 nd	43 rd	44 th	45 th	46 th	47 th	48 th	49 th	50 th	51 st	52 nd	53 rd	54 th	55 th	56 th	57 th	58 th	59 th	60 th	61 st	62 nd	63 rd	64 th	65 th	66 th	67 th	68 th	69 th	70 th	71 st	72 nd	73 rd	74 th	75 th	76 th	77 th	78 th	79 th	80 th	81 st	82 nd	83 rd	84 th	85 th	86 th	87 th	88 th	89 th	90 th	91 st	92 nd	93 rd	94 th	95 th	96 th	97 th	98 th	99 th	100 th
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

Alt.	Temp.	Wind	Bar.	Hum.	Dir.	Speed	Time
5	54.0	29	32	24	16.34	15.5	2.06
6	54.5	30	42	42	16.54	15.5	2.20
7	54.0	60	46	29	18.14	17.11	27.4
8	55.5	51	3	35	14.5	34	27.4

Time	Lat	Long	Alt	Dist	Time	Lat	Long	Alt	Dist
10:00	41	40	24	13.50	13.56	28	86.38	26	86.38
10:09	41	40	25	13.40	13.44	28	86.12	26	86.12
10:14	41	40	25	13.45	13.49	2	86.10	26	86.10

11. H. H. Cowmes Vinds Remarks on the 13th October 1815
 1. Light breeze and pleasant weather
 2. at 10 AM top of Stirling's hill
 3. middle and latter parts squally
 4. at 1 PM set and took in the light sails
 5. at 2 PM came occasionally
 6. at 3 PM a large swell from South
 7. at 4 PM about 11 miles this 24 hours
 8. at 5 PM on the 14th October 1815
 9. kind variable with squalls of
 10. rain at 3 PM saw a ship to leeward
 11. at 4 PM was standing to the Westward
 12. middle part light breeze and at
 13. 5 PM day light 3 sail in sight
 14. at 6 PM was found to be the ship in our possession
 15. at 7 PM from Calcutta, who was in the
 16. at 8 PM light breeze and pleasant weather
 17. at 9 PM remarks on the 15th October 1815
 18. light breeze and pleasant weather
 19. at 10 PM supposed to be a ship in rain
 20. at 11 PM is a ship - 2 sail in sight
 21. at 12 PM besides standing to the South at 4
 22. at 1 PM saw the ship and at 2 PM and
 23. at 3 PM per announcement on board the ship in the
 24. at 4 PM 10 AM 85.51 day from Calcutta at 1 PM
 25. at 5 PM on board - aboard - as an anchor
 26. at 6 PM to South - 2 sail in sight
 27. at 7 PM light breeze and pleasant weather
 28. at 8 PM Union about 3 miles ahead
 29. at 9 PM 3 other sail in sight - at 10 PM
 30. at 11 PM light breeze the Union was about 8
 31. at 12 PM miles ahead of us the other
 32. at 1 PM sail in sight was a ship
 33. at 2 PM again standing towards the
 34. at 3 PM Calcutta

Day	Month	Course	Distance	Lat	Long	Wind	Weather
October	13	85.35 N	54	44	11.42	11.15	3
"	14	85.58 N	30	16	25	11.29	11.15
"	15	85.38 N	32	26	17	11.03	11.03
"	16	85.06 N	40	15	11.17	10.17	1

11. H. H. Cowmes Vinds Remarks on the 17th October 1815
 1. at 1 PM light breeze and pleasant weather
 2. at 2 PM at least, at 3 had a squall
 3. at 3 PM all from the East and drew up
 4. at 4 PM in sight of the Union again
 5. at 5 PM middle and latter parts light
 6. at 6 PM rain and breeze at Meridian
 7. at 7 PM the Union bore S. 8. 10 miles
 8. at 8 PM Remarks on the 18th October 1815
 9. continues calm throughout the
 10. 24 hours attended with
 11. light squalls of rain
 12. at 1 PM what I call hard times, 22 days
 13. from the headwinds and only
 14. in latitude 9.43 N Long. 85.49 E
 15. at 2 PM remarks on the 19th October 1815
 16. South - A light breeze with squalls
 17. at 3 PM more rain, at 8 PM clear and pleasant
 18. at 9 PM middle part light rain and calm
 19. at 10 PM a strong northerly current for which
 20. follow 20 miles this 24 hours
 21. at 11 PM ends squally with smart showers
 22. at 12 PM of rain caught 40 Gall Water
 23. at 1 PM remarks on the 20th October 1816
 24. Another S. West winds with squally
 25. weather, a ship in sight - stern which
 26. I suppose is the Recovery of Boston
 27. from Calcutta. Middle parts
 28. light winds at day light - the above
 29. ship is 5 miles off, so they
 30. go on much for a dull sailing
 31. ship but am in hopes the Lord will for
 32. us by

Day	Month	Course	Distance	Lat	Long	Wind	Weather
October	17	85.35 N	30	30	04	9.42	9.44
"	18	85.35 N	30	30	04	9.42	9.44
"	19	85.23 N	13	12	4	9.31	9.33
"	20	85.28 N	50	44	23	8.49	8.50

Feb Charles Harris from California — 1st Nov

H	K	Th	Com.	Wind	Remarks on the 29 th October 1815
1	1			Variable	Light air and calm with squalls
2	2			SE	rain - at 8 am. showers of rain
3	3			SE	Caught 100 gallons, fresh water
4	4			Variable	
5	5			SE	Middle part - calm again at 2 am
6	6			SE	light breeze from the SE and
7	7			SE	very strong - barometer went down
8	8			SE	from 25 fathoms about 25 miles
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 30 th October 1815
1	1			SE	Light air and pleasant
2	2			SE	
3	3			SE	
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 31 st Oct. 1815
1	1			SE	Moderate breeze and pleasant
2	2			SE	Caught 5 bonitos for a rarity
3	3			SE	
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 1 st Nov. 1815
1	1			SE	Light breeze attended with rain
2	2			SE	
3	3			SE	
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 2 nd Nov. 1815
1	1			SE	Light breeze attended with rain
2	2			SE	
3	3			SE	
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 3 rd Nov. 1815
1	1			SE	Gentle breeze and pleasant weather
2	2			SE	at 3 PM. saw a sail to the SE
3	3			SE	at 5 PM. ship to the SE
4	4			SE	at 10 caught a fine dolphin
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 4 th Nov. 1815
1	1			SE	Moderate and squally at 2 PM. the
2	2			SE	variable wind inclining southerly took in the
3	3			SE	steering sails caught 5 bonitos
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 5 th Nov. 1815
1	1			SE	Commenced moderately cloudy
2	2			SE	at 4 the wind inclining southerly
3	3			SE	took in steering sails
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 6 th Nov. 1815
1	1			SE	A gentle breeze and squally caught
2	2			SE	an Albicore - all light sails set
3	3			SE	
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

H	K	Th	Com.	Wind	Remarks on the 7 th Nov. 1815
1	1			SE	Middle part - rainy
2	2			SE	
3	3			SE	
4	4			SE	
5	5			SE	
6	6			SE	
7	7			SE	
8	8			SE	
9	9			SE	
10	10			SE	
11	11			SE	
12	12			SE	

Month	Courses	Distance	Sale	Type	Rate	Rate	Rate	Rate	Rate
Nov 6 th	13 E	43	42	10	1.7	1.8	1.9	1.0	1.0
" 7 th	25 E	46	46	04	0.225	0.46	0.4	0.4	0.4
" 8 th	5 W	101	101	9	1.19	Nme	9	9	9
" 9 th	24 E	61	61	26	2.20	2.20	26	26	26

Lat	Long	Lat	Long	Lat	Long	Lat	Long	Lat	Long
10° 10'	85° 30'	36'	36'	00'	2.56	2.56	6'	85.58	85.58
11° 45'	85° 35'	01'	50'	35'	3.40	3.37	35'	86.23	85.23
12° 45'	85° 45'	00'	00'	68'	4.54	4.54	1.8	85.15	84.15
13° 32'	85° 32'	40'	76'	47'	5.10	Norm	47'	84.28	83.28

Salvatore to Salem

Remarks on the 14th Nov 1816										Remarks on the 18th Nov 1816									
2	5	1	W. 1/2 S. E. 1/2 S.	Light breeze & haze weather -	2	5	1	W. 1/2 S. E. 1/2 S.	Moderate gales and cloudy all										
4	5	1		at 3 P.M. squally took in the light	4	5	1		sail set - - -										
6	5	1		ails - - -	6	5	1												
8	5	1			8	5	1												
10	5	1			10	5	1												
12	5	1			12	5	1												
2	6	1		Middle part quite breezy and	2	6	1		Middle part squally, took in the										
4	5	1		cloudy - - -	4	5	1		light sails at 5 set the light sails										
6	5	1			6	5	1		discovered a sail to the Eastward										
8	5	1			8	5	1		steering to the S. West - - -										
10	5	1		Ends with a steady trade wind	10	5	1												
12	5	1		and pleasant - all sail set - had	12	5	1		Ends with rainy weather -										
				would draw															
2	7	1	W. 1/2 S. E. 1/2 S.	Remarks on the 15th Nov 1816	2	6	1	W. 1/2 S. E. 1/2 S.	Remarks on the 19th Nov 1816										
4	7	1		Light trade and cloudy at	4	7	1		Gentle gales and thick rainy										
6	7	1		6 squally took in the light sails	6	7	1		weather the sail in sight about										
8	7	1			8	7	1		5 miles astern, set the lower stun										
10	7	1			10	7	1		ing sail										
12	7	1		Middle part as the first - - -	12	7	1		Middle part strong breezes and rainy										
2	6	1			2	7	1		split the 2 top the steering sails, took										
4	6	1		After part moderate attended	4	7	1		in 3 min top 4 sails -										
6	6	1		with, in rain, coiled the cables below	6	7	1		Ends squally ship in sight to leeward										
8	6	1		Variable	8	7	1												
10	5	1			10	7	1		Remarks on the 20th Nov 1816										
12	4	1			12	7	1		Fresh trade wind and cloudy										
2	4	1	W. 1/2 S. E. 1/2 S.	Remarks on the 16th Nov 1816	2	7	1	W. 1/2 S. E. 1/2 S.	Ship in sight bearing, N. N. W. 3 miles										
4	5	1		Squally and dark cloudy weather	4	7	1		Middle part partially clear, at 8										
6	5	1		at 1 P.M. a squall from N. West and	6	7	1		6 M. spoke the ship, she was under										
8	6	1		immediate after hauled to S. East	8	7	1		English colours from Ceylon bound										
10	5	1		set the light sails - - -	10	6	1		to the S. of France										
12	5	1		Middle part very squally with much rain	12	6	1		Ends very pleasant -										
2	2	1			2	6	1		Remarks on the 21st Nov 1816										
4	4	1			4	6	1		Light breeze and pleasant										
6	5	1		Ends with a fresh trade & pleasant	6	5	1		all sail set at 10 set the ship										
8	5	1			8	5	1		in sight bore S. E. 1/2 E. 3 miles										
10	6	1			10	5	1		Pleasant & well from the Southward										
12	6	1			12	5	1		Ends very pleasant. Ship as above										
2	5	1	W. 1/2 S. E. 1/2 S.	Remarks on the 17th Nov 1816	2	6	1	W. 1/2 S. E. 1/2 S.											
4	5	1		Gentle breeze and cloudy, got 3 of	4	6	1												
6	5	1		the guns below, caught a very large	6	5	1												
8	6	1		bonito - - -	8	5	1												
10	6	1			10	5	1												
12	5	1			12	5	1												
2	5	1		Gentle breezes & cloudy all day	2	5	1												
4	5	1			4	5	1												
6	5	1			6	5	1												
8	4	1			8	5	1												
10	5	1			10	5	1												
12	5	1			12	5	1												

Month	Course	Dist	Lat	Long	Time	Wind	Sea	Weather	Remarks
Nov 14	25th	150	126	63	8.26	8.27	1.31	83.25	83.06
Nov 15	33th	152	127	83	10.34	7.00	1.23	82.2	81.38
Nov 16	35th	100	80	56	11.54	11.52	0.56	81.6	80.42
Nov 17	42th	125	93	84	13.25	None	1.26	79.40	79.10

Month	Course	Dist	Lat	Long	Time	Wind	Sea	Weather	Remarks
Nov 18	48th	135	91	100	14.56	None	1.40	78.50	78.32
Nov 19	51th	167	106	129	16.42	"	2.15	75.41	75.17
Nov 20	73th	127	37	122	17.19	17.16	2.2	73.39	73.15
Nov 21	54th	133	46	124	18.02	18.05	2.10	71.59	71.05

Sup^d C Morris Grams

[illegible]

Ship Charles Harris from

San Francisco to Valpara

H	K	H	Course	Wind	Remarks on the 30 th November
2	5		N. by E	Cal.	
4	5		West		
6	5				
8	4	1			
10	4	1			
12	4	1			
2	4	1			
4	5	1			
6	5	1			
8	5	1			
10	5	1			
12	5				

A Gentle breeze and pleasant weather all the 24 hours, a sparrows flew on board, at 3 P.M. jib & shifted steering sail

H	K	H	Course	Wind	Remarks on the 1 st December 1816
2	5		West	Cal.	
4	5				
6	5	1	N. by E		
8	5	1			
10	5	1			
12	5	1			
2	6	1	West		
4	6	1			
6	7				
8	7				
10	6		N. by E		
12	6				

Remarks on the 1st December 1816
A brisk breeze and pleasant weather - all sail set.
Variation per Compass, Amp 19.30
Long per Gunner at 8 1/2 P.M. was 30.40
Middle & latter parts strong breeze and cloudy - all sail set that would draw

H	K	H	Course	Wind	Remarks on the 2 nd Dec 1816
2	6		N. by E	Cal.	
4	6				
6	6				
8	7				
10	7				
12	7				
2	7				
4	7				
6	8				
8	8				
10	7	1			
12	7				

Remarks on the 2nd Dec 1816
A fresh breeze and hazy weather - all sail set.
Middle part blowing got down the foremast & yards & flying jib-boom, in
Ends with a fresh breeze flying

H	K	H	Course	Wind	Remarks on the 3 rd December 1816
2	7	1	N. by E	Cal.	
4	6	1			
6	5	1			
8	5	1			
10	4	1			
12	4	1			
2	4	1			
4	4	1			
6	4	1			
8	5	1			
10	5	1			
12	5				

Remarks on the 3rd December 1816
Clear and pleasant got up the main royal yards & set the sail -
Middle part moderate and hazy
Latter part as the middle shifted the fore sail to repair

Hour	Course	Wind	Bar	Therm	Lat	Long	Time	Remarks
2	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
4	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
6	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
8	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
10	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
12	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
2	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
4	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
6	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
8	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
10	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
12	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	

H	K	H	Course	Wind	Remarks on the 4 th December 1816
2	4		N. by E	North	
4	4		South	N. by E	
6	4		South	N. by E	
8	4	1	N. by E	West	
10	1	1	West		
12	2		West		
2	2		South	N. by E	
4	2	1	N. by E	West	
6	3		N. by E	West	
8	3		N. by E	West	
10	3		N. by E	West	
12	3		N. by E	West	

Remarks on the 4th December 1816
Commenced moderate and hazy at 5 P.M.
a sudden squall from the Westward to 6 P.M.
in the light sail, & double reef the fore sail at 10 pleasant out reefs & set the light sail
Middle part moderate and cloudy
Ends with dark cloudy weather
Attended with shower of rain

H	K	H	Course	Wind	Remarks on the 5 th December 1816
2	2		N. by E	East	
4	2		N. by E	East	
6	1	1	N. by E	East	
8	1	1	West	N. by E	
10	3	1			
12	4				
2	5				
4	4				
6	4				
8	4	1	N. by E	East	
10	4	1			
12	4	1			

Remarks on the 5th December 1816
Moderate and cloudy all sail set
at 2 P.M. the wind inclining to the Westward; in steering sail
at 3 P.M. wind hauled to the E. by S
set the steering sail again
Variation per Compass = 20.30 - N. by E
Middle & latter part moderate & cloudy

H	K	H	Course	Wind	Remarks on the 6 th December 1816
2	4		West	N. by E	
4	4				
6	3				
8	3				
10	2	1			
12	2	1			
2	2	1	N. by E	Cal.	
4	2	1	N. by E	Cal.	
6	3	1			
8	3	1			
10	3	1			
12	3	1			

Remarks on the 6th December 1816
A moderate breeze and pleasant weather all sail set to advantage
Middle and latter part, cloudy
Attended with fine rain
so Ends with fine rain

H	K	H	Course	Wind	Remarks on the 7 th December 1816
2	5	1	N. by E	East	
4	2	1			
6	3	1			
8	4	1			
10	5	1			
12	6	1			
2	7	1			
4	7	1			
6	7	1			
8	7	1			
10	7	1			
12	7	1			

Remarks on the 7th December 1816
Begins moderate and cloudy with a little fine rain, at times, all sail set
At 3 P.M. jib & shifted steering sail -
fresh breeze and squall took in the light sails

Hour	Course	Wind	Bar	Therm	Lat	Long	Time	Remarks
2	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
4	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
6	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
8	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
10	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
12	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
2	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
4	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
6	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
8	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
10	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	
12	N. by E	Cal.	30.23	26.27	2.21	44.17	119.39	

Ship Charles Morris from

H	K	H'	K'	Remarks on the 8 th December 1816
2	5			Fresh breeze and small weather, at
4	5			10 M. Sailed to the west in the top of the breeze
8	5			the top sails. At 8 became pleasant with
10	5			lightening to the east at 11 it began
12	5			to rain squally with lightning all around the horizon
2	2			then thunder was heard, began to take
4	3			in sail as fast as possible except the main
6	3			sail. At 7 M. of sail immediately after
8	4			a severe squall came from the west
10	4			into squally with a rough sea
12	4			

H	K	H'	K'	Remarks on the 9 th December 1816
2	4			These 24 hours commenced with a
4	4			fresh gale and a rough sea, from
6	3			west which causes the ship to labour
8	2			very much, got down the main
10	1			sail. At 1 M. of sail
12	1			middle & after moderate with an
2	1			uncommon swell from the westward
4	1			At 3.30 A.M. was 32.28
6	1			
8	1			
10	1			
12	1			

H	K	H'	K'	Remarks on the 10 th December 1816
2	1			Moderate and hazy with a very high
4	2			trampling sea, so that it was necessary
6	2			to wear out sail -
8	2			
10	2			
12	3			
2	3			
4	3			
6	3			
8	3			
10	3			
12	3			

H	K	H'	K'	Remarks on the 11 th December 1816
2	6			Fresh breezes and squalls with showers
4	6			of rain, several continued from the
6	5			at 4 set top of sail of top mast after
8	4			mid.
10	4			
12	4			
2	3			
4	3			
6	3			
8	3			
10	3			
12	3			

Month	Course	Dist	Off	Lat	Long	Lat	Long	Lat	Long
Dec 8 th	78 th	96	20	94	31.22	31.24	1.50	34.1	35.10
" 9 th	76 th	53	13	53	31.11	31.11	1.2	33.4	32.23
" 10 th	75 th	88	45	75	31.56	Norm	1.28	31.33	30.53
" 11 th	74 th	96	26	91	32.22	32.22	1.47	29.47	-

Calcutta to Almor

H	K	H'	K'	Remarks on the 12 th December 1816
2	3			Moderate and pleasant all sail
4	3			set. At 11 jib & ship -
6	4			
8	5			
10	5			
12	6			
2	7			
4	7			
6	7			
8	7			
10	7			
12	7			

H	K	H'	K'	Remarks on the 13 th December 1816
2	7			As above until 7. To M became
4	6			calm leaving an uncommon bad sea
6	5			took in all light sails, at 9 took
8	4			ship to the west - try for sound
10	2			der, but no bottom with 100 fathoms
12	2			Squalls with thunder and lightning
2	4			ship under close reef No top sail
4	2			of sail - End with a strong gale
6	2			
8	1			
10	2			
12	1			

H	K	H'	K'	Remarks on the 14 th December 1816
2	1			A fresh gale attended with hard
4	2			squalls, at 3 set the close reef
6	2			of top sail of Mizzen -
8	2			At 2 A.M. won ship -
10	2			
12	2			
2	1			
4	1			
6	2			
8	2			
10	2			
12	2			

H	K	H'	K'	Remarks on the 15 th December 1816
2	2			A strong gale attended with hard
4	2			squalls and a rough sea -
6	2			
8	2			
10	2			
12	2			
2	2			
4	2			
6	2			
8	2			
10	2			
12	2			

Month	Course	Dist	Off	Lat	Long	Lat	Long	Lat	Long
Dec 12 th	77 th	135	85	104	33.57	33.55	2.5	29.44	29.36
" 13 th	76 th	50	37	76	34.32	Norm	1.33	26.11	28.3
" 14 th	75 th	56	31	46	35.3	32.5	2.8	25.15	27.7
" 15 th	74 th	69	68	10	36.13	36.15	1.3	25.28	27.20

Ship Charles Morris from Calcutta to Salem

Remarks on the 16th Decr 1816
 2 100 - Hand. Gale, attended with rain
 4 1/2 1/2 - and a very rough sea under close
 6 1/2 1/2 - reefed the top sail and 2 sail -
 8 1/2 1/2 - Variation per Log, Amp 29.00
 10 1/2 1/2 - Middle and latter part with
 12 1/2 1/2 - fresh - ship looks considerable

Remarks on the 17th Decr 1816
 2 100 - Hand. Gale and clear weather
 4 1/2 1/2 - but a bad sea running yet -
 6 1/2 1/2 - at 2 noon ship to the Northward -
 8 1/2 1/2 - at 4 det the top of the top sails -
 10 1/2 1/2 - More moderate. Made sail square
 12 1/2 1/2 - Ends calm got up to 1/2

Remarks on the 18th Decr 1816
 2 100 - Light breeze and pleasant
 4 1/2 1/2 - Variation per Log, Amp 27.30
 6 1/2 1/2 - Middle part light rain squalls
 8 1/2 1/2 - At 9-30 a squall from West
 10 1/2 1/2 - ship - Ends with a fresh
 12 1/2 1/2 - breeze and pleasant

Remarks on the 19th Decr 1816
 2 100 - Fresh breeze and pleasant weather
 4 1/2 1/2 - single reef the top sail
 6 1/2 1/2 - Variation per Log, Amp 29.00
 8 1/2 1/2 - Middle of latter part winds inclining
 10 1/2 1/2 - to East at 8 A.M. try for soundings
 12 1/2 1/2 - but no bottom with 100 fathoms

Remarks on the 20th Decr 1816
 2 100 - Fresh breeze and pleasant weather
 4 1/2 1/2 - at squalls took in the stirring sails, at
 6 1/2 1/2 - 4 in top of sails and single reef the
 8 1/2 1/2 - top sails try for soundings with 130
 10 1/2 1/2 - fathoms, no bottom -
 12 1/2 1/2 - Middle part cloudy, with lightning
 thundered several times but no bottom
 until 6 A.M. made 73 fathoms water
 (sands & stones)

Remarks on the 21st Decr 1816
 2 100 - Moderate and pleasant, at 6 in
 4 1/2 1/2 - top of sails, saw the sands, supposed
 6 1/2 1/2 - it to be Cap. Venus sounded in 57
 8 1/2 1/2 - fathoms - (gray & white sands) Tack'd
 10 1/2 1/2 - ship to the West -
 12 1/2 1/2 - Squally double reef the top sails, at
 11 A.M. saw a ship to the East stand
 ing to the West - Tack'd to the West

Remarks on the 22nd Decr 1816
 2 100 - Light breeze and pleasant weather
 4 1/2 1/2 - at 3 the wind inclining to the South
 6 1/2 1/2 - Tack'd ship, at 6 the sands in sight
 8 1/2 1/2 - bore from N.W. to N.E. about 8
 10 1/2 1/2 - leagues dist - Middle part calm
 12 1/2 1/2 - latter part a light breeze set the storm
 in sails & caught the above ship still
 in sight - Ends pleasant

Remarks on the 23rd Decr 1816
 2 100 - Light breeze and pleasant - a large
 4 1/2 1/2 - swell from the Westward -
 6 1/2 1/2 - W.M.G. per Log at 2.25 P.M. 20.34
 8 1/2 1/2 - at 8 P.M. sounded in 57 fathoms (sands
 & shells) Middle part cloudy, wind
 inclining N.W. took in the light sails
 Hard squalls close reef the top sails

Month	Day	Wind	Dir	Dep	Lat	Long	Time	Lat	Long	Time	Lat	Long	Time	Lat	Long	Time	Lat	Long	Time			
Decr	16	100	13.5	50	48	11	37.3	37.00	12	25.40	25.32	Decr	20	104	96	42	86	35.00	35.00	1.45	20.5	21.58
"	17	104	14	31	14	28	36.46	None	35	25.5	25.57	"	21	104	32	3	32	34.57	34.53	40	19.26	21.18
"	18	107	70	4	70	35.42	35.43	1.20	23.37	25.29	"	22	104	28	17	22	35.11	35.8	27	18.59	20.30	
"	19	108	113	57	96	35.43	35.42	1.45	21.51	23.43	"	23	104	76	57	30	35.5	35.5	1.2	17.57	19.34	

Orkutta to Salem

[illegible]

Thos Charles Morris, Esq.

H	R	H	Bar	Wind	Remarks on the 31 December 1960
2	2	1	1st flight	Light	Light winds and variable clouds
4	1	1	2nd flight	Variable	Light winds and variable clouds
6	2	1	3rd flight	Variable	Light winds and variable clouds
8	2	1	4th flight	Variable	Light winds and variable clouds
10	4	1	5th flight	Variable	Light winds and variable clouds
12	4	1	6th flight	Variable	Light winds and variable clouds
2	4	1	7th flight	Variable	Light winds and variable clouds
4	4	1	8th flight	Variable	Light winds and variable clouds
6	4	1	9th flight	Variable	Light winds and variable clouds
8	4	1	10th flight	Variable	Light winds and variable clouds
10	4	1	11th flight	Variable	Light winds and variable clouds
12	4	1	12th flight	Variable	Light winds and variable clouds

2	4	1	1st	Remarks on the 1st
4	4	1	2nd	Remarks on the 2nd
6	4	1	3rd	Remarks on the 3rd
8	4	1	4th	Remarks on the 4th
10	4	1	5th	Remarks on the 5th
12	5	1	6th	Remarks on the 6th
2	5	1	7th	Remarks on the 7th
4	5	1	8th	Remarks on the 8th
6	5	1	9th	Remarks on the 9th
8	5	1	10th	Remarks on the 10th
10	4	1	11th	Remarks on the 11th
12	4	1	12th	Remarks on the 12th

24th Nov 1871			Remarks on the 24th Nov 1871
2	4	4	27th Nov 1871
4	4	1	Light breeze and cloudy weather
6	4	1	27th Nov 1871
8	4	1	The 27th Nov. sails and bends others
10	4	1	27th Nov 1871
12	4	1	Middle of 27th Nov 1871
2	4	1	Employed shifting sails &c
4	4	1	
6	4	1	
8	4	1	
10	4	1	
12	4	1	

		Remarks on the 3 rd June	
2	4	1 A. H. 40	
4	4	1 A. H. 40	
6	4	1 A. H. 40	
8	4	1 A. H. 40	
10	4	1 A. H. 40	
12	5	1 A. H. 40	
2	5	1 A. H. 40	
4	4	1 A. H. 40	
6	4	1 A. H. 40	
8	5	1 A. H. 40	
10	5	1 A. H. 40	
12	5	1 A. H. 40	

Month	Course	Depth	Lat	Long	Lat	Long	Lat	Long	Lat	Long
Jan 31	149 1/2	90	59	68	25.5	26.16	1.15	1.42		
Feb 1	145 1/2	114	80	80	24.56	nom	1.2	5.14	East	
Feb 2	155 1/2	104	60	85	23.55	23.56	1.33	3.41	240°	
Feb 3	158 1/2	113	60	90	22.56	22.56	1.44	1.57	241°	East

Calcutta to Calcutta

H	K	H	Currents	Winds	Remarks on the 4 th January 1877
2	4	1	1	1	4 Moderate - Trade into glass in
4	4	1	1	1	weather though quite cold -
6	4	1	1	1	
8	4	1	1	1	Com. for Guner at 8.50 to the sea
10	4	1	1	1	at 8.50 East -
12	4	1	1	1	
14	4	1	1	1	
16	4	1	1	1	
18	4	1	1	1	
20	4	1	1	1	
22	4	1	1	1	

2	4	1	Adm ⁿ & Pass	Remarks on the 5 th January 1877
4	3	1		Moderate trade and very blue.
6	3	1		but weather -
8	4			
10	4			
12	4	1		5.30. For Luncheon at
2	4	1		
4	4	1		
6	4	1		Midnight & latter as the first with
8	5	1		a drizzle here -
10	5	1		
12	5	1	" " "	

[illegible]

4	5	1	Not	Wet	S. East	Remarks on the 7 January 1817
4	5					A Gentle Trade and Clouds
4	5	1				All this 24 hours —
4	5					
4	5	1				All Hands Employed as usual and
4	5					run but little work; for the number
4	5					of Men Employed — — — —
4	5	1				
4	5	1	"	"	"	"

Count	6. Time	Wisham	St. Albans	Rep	6.10 D.	6.10 D. C.	Long in	Long to Sun
41	108	81	98	21.36	22.36	1.40	1.00 1/2	18.10 1/2
5 1/4	112	76	82	20.19	20.19	1.27	0.47 1/2	1.37 1/2
5 1/4	120	108	70	18.31	18.31	1.14	2.1 1/2	5.30 1/2
7 1/4	121	97	73	16.54	16.54	1.16	3.17 1/2	8.46 1/2

[illegible]

Lat	Long	Alt	Dist	Time	Time	Time
13.21	13.21	1.40	11.26	10.45		
12.28	12.28	1.30	12.56	12.15		
11.43	11.43	1.27	14.18	13.37		
10.42	10.42	1.15	15.33	14.52		

[illegible]

These 24 hours a gentle fair
Winds and clouds attended
with light showers
Th. for 24 hours
was 33.37 -

41	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
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Letter as the First —

	Dep	Lat	Long	Lat	Long	Lat	Long
1	52	52	2.15	2.15	0.52	33.22	25.22
2	48	50	3.4	3.4	0.50	34.12	36.12
3	58	94	4.00	4.1	1.35	35.4	37.4
4	45	114	4.40	4.46	1.54	37.41	39.41

[illegible]

[illegible][illegible]

Month	Current	Previous	Diff	Rate	Rate	Rate	Rate	Rate	Rate
Feb 25	97	95	14	29.39	29.35	0.18	68.49	55.21	
" 26	91	75	30	30.51	30.47	0.35	57.91	7.17	
" 27	54	43	32	31.30	31.20	0.37	7.17	2.4	
" 28	115	105	42	33.14	33.15	0.01	57.91	55.20	

Lat. N. or S.	Long. E. or W.	Lat. N. or S.	Long. E. or W.	Lat. N. or S.	Long. E. or W.	Lat. N. or S.	Long. E. or W.	Lat. N. or S.	Long. E. or W.
138	131	44	35.26	35.28	0.54	69.51	70.14		
230.5	58	47	36.15	36.12	0.37	69.14	69.37		
37	9	35	36.3	36.00	0.43	69.57	70.2		
40	30	40	35.57	36.00	0.50	70.47	70.52		

H K H
 2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 7th March 1817
 Commenced moderate and pleasant
 at 10 AM it lightened ship to speak with
 and to catch a breeze, which proved to be from the
 west from Boston for seven or eight
 miles out - long 24.20th saw a
 ship to the Northward standing to
 the S. West
 Fresh breeze and cool weather

2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 8th March 1817
 Light breeze and pleasant weather
 at 4 AM it lightened ship
 Tides in AM 3.00
 Middle part - Pleasant and
 in the tubid ship
 Latter part very pleasant and warm
 weather in the tubid ship

2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 9th March 1817
 Light breeze and pleasant weather
 at 5 AM it lightened ship
 Tides in AM 3.00
 Middle part - Pleasant and
 in the tubid ship
 Latter part very pleasant and warm
 weather in the tubid ship

2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 10th March 1817
 Light breeze and pleasant weather
 at 5 AM it lightened ship
 Tides in AM 3.00
 Middle part - Pleasant and
 in the tubid ship
 Latter part very pleasant and warm
 weather in the tubid ship

Month	Day	Hour	Dist	Lat	Long	Wind	Temp	Bar	Hum
March	5	West	16	00	15	36.00	35.58	0.20	71.07
	6	SE	53	41	34	36.39	36.41	0.42	70.55
	7	SE	119	113	39	38.34	38.34	50	71.20
	8	SE	40	30	26	39.4	39.00	0.33	71.53

H K H
 2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 11th March 1817
 Light air & fine rain at 8 PM
 Sounded in 43 fathoms water green
 surge at 10 sharp lightning and
 very heavy thunder double reef
 the top sails
 Middle part - Pleasant weather
 breeze and pleasant weather

2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 12th March 1817
 Moderate and cloudy at 5 PM
 Saw a vessel to the Southward
 standing to the Eastward - From
 8 to 12 dounded in 24 fathoms gray
 sands at 6 dounded in 26 fathoms
 at day light saw long island
 bearing from N by E 10 N by E
 Ends with cold weather

2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 13th March 1817
 Light breeze and pleasant weather
 at 5 AM it lightened ship
 Tides in AM 3.00
 Middle part - Pleasant and
 in the tubid ship
 Latter part very pleasant and warm
 weather in the tubid ship

2 2 2
 3 3 3
 4 4 4
 5 5 5
 6 6 6
 7 7 7
 8 8 8
 9 9 9
 10 10 10
 11 11 11
 12 12 12
 Remarks on the 14th March 1817
 Light breeze and pleasant weather
 at 5 AM it lightened ship
 Tides in AM 3.00
 Middle part - Pleasant and
 in the tubid ship
 Latter part very pleasant and warm
 weather in the tubid ship

Month	Day	Hour	Dist	Lat	Long	Wind	Temp	Bar	Hum
March	11	SE	47	45	14	39.45	39.45	0.18	72.6
	12	SE	27	19	20	40.4	40.4	0.26	72.32
	13	SE	47	23	33	40.27	40.27	0.43	73.15

Ship *Martha Morris* - *Thames*

H	K	H	Course	Winds	Remarks on the 13 th - March 1877
2	1	1	SE	Light	Strong breeze with rain & hail at 6.40 AM, but it cleared away.
4	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 12.30 PM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 1.30 PM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 2.30 PM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 3.30 PM. Breeze came from the north & rain & hail.

H	K	H	Course	Winds	Remarks on the 14 th March 1877
2	1	1	SE	Light	At 6 AM. Breeze came from the north & rain & hail.
4	1	1	SE	Light	At 7 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 8 AM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 9 AM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 AM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.

H	K	H	Course	Winds	Remarks on the 15 th March 1877
2	1	1	SE	Light	At 6 AM. Breeze came from the north & rain & hail.
4	1	1	SE	Light	At 7 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 8 AM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 9 AM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 AM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.

H	K	H	Course	Winds	Remarks on the 16 th March 1877
2	1	1	SE	Light	At 6 AM. Breeze came from the north & rain & hail.
4	1	1	SE	Light	At 7 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 8 AM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 9 AM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 AM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.

Month	Course	Destination	Lat	Long	Remarks
March 13 th					
" 14 th					
" 15 th					
" 16 th					

Ship *Martha Morris* - *Thames*

H	K	H	Course	Winds	Remarks on the 17 th March 1877
2	1	1	SE	Light	At night breeze & haze. At 2 PM saw a ship to the southward & standing to the southward.
4	1	1	SE	Light	At 4 PM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 6 PM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 8 PM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 PM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 PM. Breeze came from the north & rain & hail.

H	K	H	Course	Winds	Remarks on the 18 th March 1877
2	1	1	SE	Light	At 6 AM. Breeze came from the north & rain & hail.
4	1	1	SE	Light	At 7 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 8 AM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 9 AM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 AM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.

H	K	H	Course	Winds	Remarks on the 19 th March 1877
2	1	1	SE	Light	At 6 AM. Breeze came from the north & rain & hail.
4	1	1	SE	Light	At 7 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 8 AM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 9 AM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 AM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.

H	K	H	Course	Winds	Remarks on the 20 th March 1877
2	1	1	SE	Light	At 6 AM. Breeze came from the north & rain & hail.
4	1	1	SE	Light	At 7 AM. Breeze came from the north & rain & hail.
6	1	1	SE	Light	At 8 AM. Breeze came from the north & rain & hail.
8	1	1	SE	Light	At 9 AM. Breeze came from the north & rain & hail.
10	1	1	SE	Light	At 10 AM. Breeze came from the north & rain & hail.
12	1	1	SE	Light	At 11 AM. Breeze came from the north & rain & hail.

Month	Course	Destination	Lat	Long	Remarks
March 17 th					
" 18 th					
" 19 th					
" 20 th					

Ship's Log - 1814

In Thomas Hook
6 fathoms water

Remarks on the 21 March. 1814
Moderate breeze, the wind S.W. & the
a clear weather.

At 10 AM. the ship left the harbor
further anchor - 6 fathoms water

Moderate & pleasant

In Thomas Hook

Remarks on the 22 March. 1814

Came in clear, so moderate breeze
at 11 AM.

Moderate breeze at the first, but the
the strain too had sent, so again
a bit at a gain. At 8 AM. a
light breeze from the Westward, the
ship came on board, at 10 weighed anchor
& made sail, in company with a number of
ships on the 23 March. 1814

Following according
to the First Direct.
wind.

A light breeze from the S.W. & pleasant
at 10 AM. Calm, came
to anchor in 6 fathoms water, when
the light bearing S.W. 4 or 5 miles
at 1 AM. weighed anchor & made sail
with the wind at S.W., at 5 AM.
came to anchor again.

At 9 AM. weighed anchor & got under
way again, the light bearing S.W. 4 or 5 miles

Remarks on the 24 March. 1814

Came in. Calm, & clear, at 1 PM.
came to anchor in 5 1/2 fathoms
at 5 weighed, & made sail, with a
fine breeze to the S.E. at 7 PM. saw
Chatham light bearing S.W. by the
2 or 3 leagues distance.

At 2 AM.
saw Cape Cod light bearing S.W. by 4 or 5 miles

Chatham is closed

Remarks on the 25 March. 1814

Moderate breeze, the weather
at 1 PM. saw Chatham light bearing
S.W. by 4 or 5 miles, at 5 PM.
very moderate & a thick fog. saw
the Bussard bearing S.W. 1 or 2 miles
at 6 PM. came to anchor in 6 fathoms
water in 5 fathoms water, near by
Cape Cod light.



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The Polar Shoal as laid down
by Flensburg from the mean of
eight different Ships Observations
is as follows

Lat $3^{\circ} 52'$ South
Long $33^{\circ} 31'$ West

There is a Shoal, with rocks above water
to a considerable extent, lying off the
Islands of Madagascar; it has been seen
twice, first, by an English Sloop (I believe)
and last, by the U.S. Ship *Seacock* on
her last Cruise in the E. Indies —

Capt. Harcourt of the *Seacock* gives
a good description of it, and lays
down the highest Rock, in Lat $28^{\circ}20'S$
and Longitude by several Suns $42^{\circ}18'E$

The Latitudes corresponds within 7 Miles
by the two Ships; and the Longitude differs
but very little — so we must conclude
that there is a very dangerous shoal
in that neighbourhood, and give it
a good berth in passing by it if in
the night —

Capt. H. sounded within a short
distance of the highest rocks (then in
sight) with 120 Fathoms line no bottom

The Above is Calcutta Information

1820. I doubt the existence of the above Shoal from what
I have heard since — J.W.C.



